

CLAIMS

1. A method for employing Parameter Set information corresponding to an Advanced Video Coding (AVC) file, comprising the steps of:

5 embedding the Parameter Set information into a Hint Track of the AVC file.

2. The method of claim 1, wherein the Parameter Set information is embedded within a Session Description Protocol (SDP) payload of the Hint track.

10 3. The method of claim 2, wherein the Parameter Set information is encoded in Multipurpose Internet Mail Extensions (MIME) prior to being embedded within the SDP payload of the Hint track.

15 4. The method of claim 1, further comprising the step of transmitting the Parameter Set information in an out-of-band transmission.

5. The method of claim 4, wherein said transmitting step transmits the Parameter Set information using Transmission Control Protocol (TCP).

20 6. The method of claim 4, wherein said transmitting step transmits the Parameter Set information using Real Time Streaming Protocol.

7. The method of claim 1, further comprising the step of transmitting the Parameter Set information in a media independent transmission.

8. The method of claim 1, wherein said transmitting step transmits the Parameter Set information prior to any media corresponding thereto.

9. The method of claim 1, further comprising the step of extracting the
5 Parameter Set information from metadata corresponding to at least one media stream.

10. An apparatus for employing Parameter Set information corresponding to an Advanced Video Coding (AVC) file, comprising:

10 an embedding device for embedding the Parameter Set information into a Hint Track of the AVC file.

11. The apparatus of claim 10, wherein said embedding device embeds the Parameter Set information within a Session Description Protocol (SDP) payload of
15 the Hint track.

12. The apparatus of claim 11, wherein the Parameter Set information embedded within the SDP payload by said embedding device is encoded in Multipurpose Internet Mail Extensions (MIME).

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13. The apparatus of claim 10, further comprising a transmitter for transmitting the Parameter Set information in an out-of-band transmission.

25 14. The apparatus of claim 13, wherein said transmitter transmits the Parameter Set information using Transmission Control Protocol.

15. The apparatus of claim 13, wherein said transmitter transmits the Parameter Set information using Real Time Streaming Protocol.

5 16. The apparatus of claim 10, further comprising a transmitter for transmitting the Parameter Set information in a media independent transmission.

17. The apparatus of claim 10, wherein said transmitter transmits the Parameter Set information prior to any media corresponding thereto.

10 18. The apparatus of claim 10, further comprising an extractor for extracting the Parameter Set information from metadata corresponding to at least one media stream.

15 19. A method for employing Parameter Set information corresponding to an Advanced Video Coding (AVC) file, comprising the steps of:

embedding the Parameter Set information into a Hint Track of the AVC file;
and

transmitting the Parameter Set information in an out of band and media
20 independent transmission.

20. The method of claim 19, wherein the Parameter Set information is embedded within a Session Description Protocol (SDP) payload of the Hint track.

21. The method of claim 19, wherein said transmitting step transmits the Parameter Set information using Transmission Control Protocol (TCP).

22. The method of claim 19, wherein said transmitting step transmits the
5 Parameter Set information using Real Time Streaming Protocol.

23. The method of claim 19, wherein said transmitting step transmits the Parameter Set information prior to any media corresponding thereto.

10 24. The method of claim 19, further comprising the step of extracting the Parameter Set information from metadata corresponding to at least one media stream.